COMPLIANCE COMPONENT

Last Updated: 11-02-05

DEFINITION

Name	Census Geography Element Standard
Description	This document contains the basis for the creation of a series of census geography data element standards for the delineation and coding of census geography to include census blocks, blockgroups, tracts, counties, and states utilizing a set of standardized names as well as federal coding protocols.
Rationale	Provides a set of guidelines in which the census geography data elements can be uniformly defined, coded and maintained thereby allowing integration and interaction between state systems within Missouri as well as linkage to federal demographic data systems of the U.S. Bureau of the Census.
Benefits	- Used in statistical gathering of demographics related to the socio- and economic elements of Missouri's population. - Allows for linkage of demographic information and comparison between census geography among years for the same locations. - Provides a baseline for the monitoring of changes within Missouri's population - Provides a linkage between the federal coding protocols and Missouri's system.

ASSOCIATED ARCHITECTURE LEVELS

Specify the Domain Name	Information
Specify the Discipline Name	Data Management
Specify the Technology Area Name	Enterprise Data Element Standards
Specify the Product Component Name	

COMPLIANCE COMPONENT TYPE

Document the Compliance Component Type	Standard
Component Sub-type	

COMPLIANCE DETAIL

State the Guideline, Standard or Legislation	State agencies shall use the following elements for creating and storing cataloging units of census geography namely census blocks, blockgroups, tracts, counties, and states utilizing the standardized federal coding information for delineating unique identifiers for these geographic tabulation units.

Data Elements	*Data Type*	*Width*	*Description*
StateCodeText	Character	2	State abbreviation code
StateFIPSCode	Character	2	State FIPS code
CountyFIPSCode	Character	5	County FIPS code – Unique when concatenated with State FIPS code as presented here
CensusTractCode	Character	11	Census Tract code - Unique when concatenated with state and county FIPS codes as

				presented here
	CensusBlockgroupCode	Character	12	Census Blockgroup code - Unique when concatenated with state & county FIPS codes and unique CensusTractCode as presented here. The blockgroup captures the first digit of the block code and refers to elements such as the 'One hundred series of blocks' within a given tract.
	CensusBlockCode	Character	15	Census Block level code - Unique when concatenated with state & county FIPS codes and unique CensusTractCode as presented here. This represents the smallest cataloging unit of the census.

*Compliance Components: **State Code Table** and **County Code Table**

Document Source Reference #	http://www.census.gov/geo/www/reference.html

Compliance Sources			
Name	U.S. Bureau of the Census	*Website*	http://www.census.gov/geo/www/reference.html
Contact Information	http://www.census.gov		
Name	Federal Information Processing Standards	*Website*	http://www.itl.nist.gov/fipspubs/by-num.htm
Contact Information			

KEYWORDS	
List Keywords	Census, tract, block, blockgroup, county, state, demographic, socio-economic, Federal Information Processing Standards, FIPS

COMPONENT CLASSIFICATION				
Provide the Classification	☐ *Emerging*	☒ *Current*	☐ *Twilight*	☐ *Sunset*
Sunset Date				

COMPONENT SUB-CLASSIFICATION		
Sub-Classification	Date	Additional Sub-Classification Information
☐ *Technology Watch*		
☐ *Variance*		
☐ *Conditional Use*		

Rationale for Component Classification	
Document the Rationale for Component Classification	The Census geography component will standardize the manner in which the various hierarchical levels of geography utilized in cataloging the census data can be uniquely named and coded. These data elements are to be captured and stored within the database. This allows for fluent and accurate interchange of common data elements between state agencies.

Migration Strategy				
Document the Migration Strategy	**Missouri State Interagency Migration Strategy** Agencies shall adhere to this standard when sharing common data elements. **Inter-governmental Migration Strategy** Agencies creating new applications should attempt to adhere to the data elements standards when defining the data definitions.			
Impact Position Statement				
Document the Position Statement on Impact				
CURRENT STATUS				
Provide the Current Status	☐ *In Development*	☒ *Under Review*	☐ *Approved*	☐ *Rejected*
AUDIT TRAIL				
Creation Date	10/10/05	*Date Approved / Rejected*		
Reason for Rejection				
Last Date Reviewed		*Last Date Updated*		
Reason for Update				